

「輸出検査コース・アウトライン」



(1) 家具

CURRICULUM OUTLINE FOR TESTING AND INSPECTION FOR FURNITURE  
(PRIVATE SECTOR'S COURSE)

- I. OVERVIEW
  - A. FURNITURE
  - B. INSPECTION AND TESTING
  - C. RAW MATERIALS FOR FURNITURE MAKING
- II. TESTING OF RAW MATERIALS
- III. MILLING OPERATION
  - A. OUTLINE OF PROCESSING MACHINES
  - B. MACHINING OPERATION/EQUIPMENT
- IV. SANDING AND SURFACE
- V. ASSEMBLY/CONSTRUCTION
- VI. FURNITURE STANDARDS AND QUALITY CONTROL
- VII. TESTING STRENGTH OF JOINTS FOR FURNITURE
- VIII. TESTING OF FINISHED PRODUCTS
- IX. FACTORY VISITS, INCLUDING VISIT TO FOREST PRODUCTS RESEARCH DEVELOPMENT INSTITUTE (FPRDI)

COURSE OUTLINE FOR TESTING & INSPECTION OF FURNITURE  
(GOVERNMENT INSPECTORS)

I. OVERVIEW

- A. FURNITURE
- B. INSPECTION & TESTING
- C. RAW MATERIALS FOR FURNITURE MAKING

- 1. Wood Preparation
- 2. Wood Glue
- 3. Varnish, Lacquer & Paint
- 4. Other Materials: hardwares, fixtures, nails, screw etc.

II. TESTING OF RAW MATERIALS

- A. WOOD: Moisture content, specific gravity & mechanical strength
- B. PAPER PRODUCTS & PACKAGING MATERIALS
- C. UPHOSTERY: Spring, Foam, etc.
- D. GLUE: Viscosity

III. MILLING OPERATION

- A. OUTLINE OF PROCESSING MACHINES
- B. MACHINING OPERATION/EQUIPMENT

IV. SANDING AND SURFACE PREPARATION

- A. PRESANDING
- B. SANDING USING GRIT NO. 80-100
- C. FINAL SANDING USING GRIT NO. 150-200 PRIOR TO ASSEMBLY OF COMPONENTS
- D. FINAL SANDING OF COMPONENTS IN BETWEEN COATINGS
- E. BLEACHING
- F. STAINING
- G. SANDING SEALER
- H. FILING
- I. FIRST TOP COATING
- J. SANDING GRIT NO. 320
- K. SECOND TOP COATING
- L. SECOND SANDING
- M. FINAL TOP COATING

V. ASSEMBLY/CONSTRUCTION

- A. DOWEL-GLUED JOINT
- B. MORTISE & TENON JOINT
- C. SPLINE/LOOSE SPLINE JOINTING
- D. FINGER-JOINTING
- E. HALF-LAP JOINTING

VI. FURNITURE STANDARDS AND QUALITY CONTROL

VII. TESTING STRENGTH OF JOINTS FOR FURNITURE

- A. RABBET/DADO
- B. GROVE/RABBET
- C. GLUED DOWEL JOINT
- D. BUTT DOWEL JOINT
- E. MORTISE AND TENON
- F. FINGER JOINT
- G. SPLINE/LOOSE SPLINE
- H. WEDGE-TYPE FINGER JOINT
- I. HALF-LAP JOINT

VIII. TESTING AND FINISHED PRODUCTS

- A. STRENGTH TEST OF CHAIR
- B. STRENGTH OF TABLE
- C. STRENGTH OF CABINETS/COMPONENTS

IX. FACTORY VISITS

(2) 織 維

COURSE CURRICULUM FOR TESTING AND INSPECTION OF GARMENTS  
(FOR PRIVATE SECTOR)  
MODULE I

- I. CLASSIFICATION OF TEXTILES
  - A. FIBERS
  - B. YARNS
- II. FIBER & YARN MANUFACTURING PROCESSES
  - A. FIBER PROCESS
  - B. YARN PROCESS
- III. STANDARD PERFORMANCE REQUIREMENT ON YARNS
- IV. PLANT VISIT

COURSE OUTLINE FOR TESTING & INSPECTION OF GARMENTS  
(PRIVATE SECTOR)  
MODULE 2

FABRIC, ITS CLASSIFICATION AND USAGE

I. FABRIC STAGE (Fabric Construction)

II. CLASSIFICATION OF FABRICS

- A. WOVEN
- B. KNITTED

III. FINISHING STAGE

- A. TYPES OF FINISHES
- B. IMPLICATIONS TO CONSUMERS

IV. PLANT VISIT TO PTRI PILOT PLANT

COURSE OUTLINE FOR TESTING & INSPECTION OF GARMENTS  
(PRIVATE SECTOR)  
MODULE 3

BASIC TEXTILE TESTING ON YARNS AND FABRICS

I. TESTING

- A. TEXTILE, DENIER, COTTON COUNT & METRIC SYSTEM
- B. TWIST
- C. STRENGTH

II. PHYSICAL TEST FOR FABRICS

- A. TYPE OF WEAVE
- B. WEIGHT
- C. LENGTH
- D. WIDTH
- E. FABRIC COUNT
- F. YARN COUNT
- G. SHRINKAGE
- H. STRENGTH

III. QUALITY CONTROL METHODS

- A. SAMPLING METHOD
- B. CONTROL CHART



COURSE OUTLINE FOR TESTING & INSPECTION OF GARMENTS  
(PRIVATE SECTOR)  
MODULE 4

BASIC TEXTILE TESTING ON FABRICS & QUALITY INSPECTION

I. COLORFASTNESS

- A. WASHING
- B. RUBBING
- C. PERSPIRATION

II. TESTING FOR FIBER COMPOSITION

- A. MICROSCOPE
- B. BURNING
- C. SOLUBILITY
- D. DYEING

III. INSPECTION

- A. INSPECTION OF FABRICS
- B. INSPECTION OF GARMENTS

COURSE OUTLINE FOR INSPECTION OF GARMENTS  
(PRIVATE SECTOR)  
MODULE 5

ADVANCED TEXTILE TESTING ON FABRICS

I. TESTING

- A. PHYSICAL TEST FOR FABRICS
- B. COLORFASTNESS TEST
- C. STAIN REMOVAL METHOD
- D. STANDARD PERFORMANCE REQUIREMENT ON FABRICS
  - 1. US
  - 2. JAPAN
  - 3. EUROPE
  - 4. PHILIPPINES

COURSE OUTLINE FOR INSPECTION OF GARMENTS  
(PRIVATE SECTOR)  
MODULE 6

QUALITY INSPECTION ON FABRICS

I. CHEMICAL ANALYSIS

- A. OIL CONTENT
- B. SUGAR CONTENT
- C. GUM CONTENT
- D. RESIN CONTENT
- E. SIZE PICK UP
- F. FORMALDEHYDE CONTENT

II. QUALITY INSPECTION

- A. CAUSE OF FABRIC DEFECTS
- B. QUALITY INSPECTION OF FABRICS (Using Inspecting Machine)

COURSE CURRICULUM OUTLINE OF TESTING AND INSPECTION OF GARMENTS  
(FOR GOVERNMENT SECTOR)

I. CLASSIFICATION OF TEXTILE

- A. FIBERS
- B. YARNS
- C. FABRICS

II. TEXTILE MANUFACTURING PROCESSES

- A. FIBER AND YARN PROCESS
- B. FABRIC PROCESS
- C. FINISHING PROCESS
- D. QUALITY CONTROL METHODS
- E. STANDARDS FOR FABRIC AND GARMENT
- F. PLANT VISIT TO PTRI PILOT PLANT & INTEGRATED TEXTILE MILL

III. TESTING

- A. PHYSICAL TEST FOR YARN
- B. PHYSICAL TEST FOR FABRIC
- C. COLORFASTNESS
- D. TESTING FOR FIBER COMPOSITION
- E. CHEMICAL ANALYSIS OF TEXTILE MATERIALS
- F. STAIN REMOVAL METHOD

IV. INSPECTION

- A. INSPECTION OF FABRICS
- B. INSPECTION OF GARMENTS

COURSE OUTLINE FOR FISH AND MARINE PRODUCTS\*

=====

PART I. GENERAL TOPICS

DAY 1 (MORNING)

- Lecture No. 1                      Fish and Marine Products as  
Raw Materials for Freezing  
-----  
1.1. Fish and marine species  
    used for freezing  
1.2. Anatomy and composition  
1.3. Product forms in the  
    export market
- Lecture No. 2                      Freshness of Fish  
-----
- Lecture No. 3                      Freezing as a Means of  
Food Preservation  
-----  
2.1. The freezing process  
2.2. The basis for the  
    preservation of foods  
    by freezing
- Lecture No. 4                      Factors Affecting the  
Quality of Frozen Fish  
and Marine Products  
-----  
4.1. Raw material quality  
    requirements  
4.2. Method of preparation -  
    time, temperature,  
    cleanliness and sanitation,  
    preparation of correct  
    specifications  
4.3. Method of freezing  
4.4. Packaging requirements  
4.5. Storage, temperature  
    and time  
4.6. Distribution, temperature  
    and time

-----  
\* A Food Testing and Inspection Course Developed for the  
Philippine Trade Training Center by the Food Development Center.

DAY 1 (AFTERNOON)

Lecture No. 5

Quality Control

---

- 4.1. General principles of quality control as applied to process, product, and plant sanitation and hygiene
- 4.2. Development of standards and specifications
- 4.3. Sampling, grading, inspection and testing
- 4.4. Organization of quality control, manpower, laboratory and program
- 4.5. Requirements for success

Slides : Quality Control in a Fish Plant (FAO)  
Other slides to be provided  
by the Japanese Consultants

PART II. PRACTICAL TRAINING ON  
TESTING AND INSPECTION TECHNIQUES

---

DAY 2

Practical No. 1

Sampling

---

Inspection for Specific Quality  
Indices for Raw Materials and  
Products

---

Evaluation and Interpretation  
of Results

---

Physical and Sensory  
Evaluation of Fish and  
Marine Products - Fresh vs.  
Frozen Form

---

- 1.1. Sampling procedure
- 1.2. Thawing procedure
- 1.3. Sizing
- 1.4. Net weight determination procedure

- 1.5. Cooking procedure
- 1.6. Sensory evaluation
  - a) presentation and serving procedure to the panelist
  - b) discussion of scoresheets
  - c) guidelines in selecting panelist
  - d) sensory evaluation methods, e.g. --
    - preference test
    - hedonic/ranking test
    - duo trio test,
    - triangle test, etc.
  - e) Materials and equipment needed in the evaluation
- 1.7. Evaluation of packaging materials

Specific commodities : tuna, shrimps, etc.

### DAY 3

#### Practical No. 2

#### Standards and Specifications for Selected Frozen Fish and Marine Products and their Test Methods (FINISHED PRODUCTS)

---

- 2.1. Microbiological specifications ( Japanese specifications for cholera and E.coli; US specifications for Salmonella; etc. )
- 2.2. Physical characteristics (size, weight and form)
- 2.3. Packaging
- 2.4. Specifications for contaminants: heavy metals, pesticides, filth (focus on standards and how to avoid getting these contaminants into the food products)
- 2.5. Specifications for additives: sulfites, phosphates, salt
- 2.6. Labelling requirements

Specific commodities : tuna, shrimps, etc.

Slides : "The Dirty War" (FAO)

Other slides, possibly on the Japanese Ministry of Health or the Japanese government inspection system to stress the fact about the stringent standards/requirements of the importing country.

Practical No. 3

Microbiological Evaluation of  
Fish and Marine Products

---

- 3.1. Important aspects to consider in the microbiological evaluation of food
- 3.2. Sampling procedure
- 3.3. Laboratory methods and techniques
  - a. preparation of microbiological media
  - b. sterilization of glasswares, etc.
  - c. the use of the sterile room or bench
  - d. Specific microbiological methods, e.g. - total plate count (TPC), E. coli, Salmonella, etc.
  - e. Materials and equipment needed in the microbiological evaluation

DAY 4

Practical No. 4

Chemical Analysis

---

- 4.1. Important factors to consider in chemical analysis: use of solvents, care of equipment, etc.
- 4.2. Sampling procedure and preparation of sample
- 4.3. Analysis for sulfites, pesticides and metals - Detailed procedures
- 4.4. Materials and equipment needed for the evaluation



Practical No. 5

Microanalytical or Filth Analysis

---

- 5.1. Important factors to consider in filth analysis
- 5.2. Sampling procedure
- 5.3. Methods, e. g. light filth determination
- 5.4. Evaluation of results
- 5.5. Materials and equipment needed for evaluation

PART III. PLANT HYGIENE AND SANITATION

---

DAY 5 (MORNING)

Lecture No. 6

Plant Hygiene and Sanitation

---

- 6.1. Requirements (for personnel, facilities)
- 6.2. Inspection methods - what to check, how to check, critical vs. minor areas

Practical No. 6

Inspection of a Food Processing Plant

---

- 6.1. Discussion of sanitation checklist or scoresheet
- 6.2. Inspectional procedures
- 6.3. Data reporting and evaluation

DAY 5 (AFTERNOON)

Lecture No. 7

The Cost of Quality Control, Testing and Inspection

---

\* \* \*

Evaluation of Practicals

---

Evaluation of Course

---

\* \* \*

Closing Program

---

\* \* \*



「 討 議 事 項 」



## MATTERS DISCUSSED:

### I. Introduction of the Members of the Philippine Side and the Japanese Side

Mr. Tirona started the meeting with the introduction of the members of the Philippine side composed of the Executive Director, Deputy Executive Director and the Chiefs of the various divisions of the Philippine Trade Training Center.

In turn, the Japanese Side introduced the members of the JICA Consultation Survey Team.

### II. Objectives of the Consultation Survey Team

The Japanese Side informed the body that the objectives of the JICA Consultation Survey Team are to review the actual conditions of the Technical Cooperation in 1987 and to formulate the annual work plan for 1988.

### III. Accomplishment Report of PTTC for 1987

The Philippine Side presented to the Team the major accomplishments of PTTC in 1987, among which are the following:

#### 1. Construction of the Building

The building is expected to be completed by the second week of March 1988 and formally turned over to PTTC on March 15, 1988.

The center is targeted to be fully operational by April 1988. Formal inauguration of the center will be on May 11, 1988.

#### 2. Course Development

A Training Needs Analysis Survey was conducted by the Center sometime in July and August 1987 covering exporters and would-be exporters of food, garments, furniture, fashion accessories, footwear and leathersgoods.

The results of the survey formed the basis for the identification of the courses to be offered by the Center.

Thus, 28 course modules were identified in response to the problems of the industries which could be addressed specifically by training.

On trade business, two modules were drafted consisting of the Basics of Exporting Course and the Advanced Export Marketing Management Course.

On testing and inspection, the Center discussed with the Philippine Textile Research Institute (PTRI), Food Development Center (FDC), and Cottage Industries Technology Center (CITC) the drafting of testing and inspection courses for textiles and garments, food and furniture respectively.

### 3. Course Implementation

In late 1987, the Basics of Exporting Course was implemented using the improved curriculum on this subject.

A total of 160 participants were introduced to the basic concepts and principles of international marketing and trade, and the rudiments of exporting.

The Center, likewise conducted seminars in coordination with the U.S. Department of Commerce and on market information for gifts and housewares in coordination with the Trade Facilitation Office of Canada.

### 4. Staff Development

Five personnel of the Center were trained in 1987 on Training Needs Analysis and Development of Training Materials by the International Trade Center of Geneva, Switzerland.

### 5. Institutional Development

In order to further strengthen the Center's capability to conduct market penetration and specialized international marketing courses, linkages with international organizations and agencies were initiated such as:

- the International Trade Center in Geneva
- the Center for the Promotion of Imports from Developing Countries of the Netherlands (CBI)
- Import Promotions Office from Developing Countries (IMPOD) of Sweden
- the Carl Duisberg Gessellschaft of the Federal Republic of Germany (CDG) and
- the Australia Development Assistance Bureau (ADAB)

### 6. Organization

The Center has 6 major divisions: Plans and Programs Division, Finance and Administrative Service Division, Publications and Information Division, and three Operations Divisions making up Trade Business Management, Testing and Inspection, and Exhibitions.

The seventh unit in the Center is the Faculty Pool composed of full-time faculty for Trade Business, Testing and Inspection and Exhibitions. Supporting the full-time faculty is the part-time faculty, the roster of which has already been drawn.

#### IV. Regional Training

In connection with the regional training courses to be run by the Center, Mrs. Angeles reported that the Center has scheduled three seminars to be conducted in the regions in 1988. However, the Center has already received requests from the regions for nine (9) export seminars.

#### V. Staffing

Mrs. Angeles reported that as of this date, the Center has hired 36 regular personnel and three full-time faculty.

The Japanese Side raised their apprehensions that with only 39 personnel, the Center may not be able to effectively implement all of the scheduled activities in 1988.

The Philippine Side replied that it is the commitment of the PTTC that by May 1988, the Center's full-time faculty will be fully staffed.

Salaries of the regular personnel will be drawn from the regular budget of the PTTC while that of the full-time faculty will be drawn from the Foreign Assisted Projects budget.

#### VI. Budget

For 1987, the Center was granted a total budget of ₱858,322 which was released in October.

For 1988, the Center was granted a total budget of ₱17.2 M of which ₱8 M is under the regular budget while ₱9.2 M is under the Foreign-Assisted Project budget.

Mr. Tirona added that the Center is now working on the 1989 budget as required by the Department of the Budget and Management.

He said that because of the government reorganization, and the hiring ban in government due to the Congressional Elections in 1987 recruitment of personnel was also delayed.

#### VII. Vision for the PTTC

Mr. Tirona said that the Center will be focusing its training programs/projects in accordance with the 4 major areas of concern of the International Trade Group as follows:

1. Market development - development of foreign markets
2. Product development - a shift from primary or traditional products such as logs and lumber, coconut oil, sugar, copper ore to non-traditional products such as gifts, housewares, furniture and furnishings, garments, electronics, fresh and processed food, and footwear and leathersgoods.

There is also a need to develop more manufactured products and for the next three years, the Philippines will go into international subcontracting.

3. Market access - pertains to existing trade and non-trade barriers i.e. proposed levies on certain products from developing countries, quotas on garments, etc.

4. Export development - pertains to providing a conducive environment for businessmen to export.

A 5th area of concern, exporters' development, is the main concern of PTTC. Exporters in international marketing will be trained to improve their export operations.

### VIII. PTTC Courses

The Philippine Side further explained the types of courses to be offered by the Center:

1. Basic Course - made up mainly of the "Basics of Exporting" course and aims to train would-be exporters on the basic rudiments of exporting.

- Testing & Inspection and Exhibition Training Courses will also have basic courses, which are introductory courses to the succeeding courses.

2. Advanced and Specialized Courses - aimed at upgrading the skills of existing exporters, consist mainly of such specific subjects as Export Marketing Management, Costing and Pricing for Exporters, Financing for Exporters, Export Marketing Research, Export Promotion Techniques, Production Management of Exports, Strategic Planning for Exports, and Sales Offers and Contracts.

The target participants for the advanced and specialized courses are existing exporters.

Advanced Testing and Inspection courses will also be offered to exporters.

3. Market Penetration Courses - refer to market specific-product specific courses which aim to assist existing exporters expand and penetrate new and existing markets.

### IX. Comments/Observations of the JICA Consultation Survey Team

The Japanese Side requested further explanation on the following items:

1. On the number of Part-Time Faculty: a total of seven part-time faculty have already been tested and three more will be tested in March. The Center has already drawn up a roster of around 50 part-time faculty. The part-time faculty will be tapped for the 1988 seminars and evaluated accordingly. From here, regular part-time faculty will be identified.



The Japanese Side inquired whether the part-time faculty have a contract with PTTC. Mr. Tirona replied that PTTC intends to have a written agreement with the part-time faculty by next year but this is not constrictive of their desire and commitment to assist PTTC by teaching in the Center.

2. On staffing: 121 plantilla items for the Center were originally requested. However, only 87 positions were approved by the Department of the Budget and Management. In view of the need for the manpower, the Center shall request for the additional manpower for 1988.

The Japanese Side requested for a table indicating which salaries come from the regular budget and which come from FAPS.

3. On the Use of Foreign Experts for PTTC Courses

Mr. Tirona explained that the Center shall tap nationals of foreign markets to talk on how Philippine exporters can penetrate these markets. It is for this reason that the Center is initiating discussions with GTZ, IMPOD, CBI and other international organizations for the Market penetration Course which will focus on market trends and market systems.

4. On the Most Promising Trading Partner of the Philippines

Mr. Tirona said that Japan is the priority target market of the Philippines due to geographical position and bigger purchasing power. This is followed by Australia, Federal Republic of Germany and Middle East.

In this connection, Mr. Tirona suggested that since the implementation of the trade training courses is a priority, there is a need for more Japanese experts to be dispatched to the Philippines this year. These experts will primarily be handling the market penetration courses.

5. On Arrangement for Regional Training

Mr. Tirona explained that provisions were made for traveling of experts for plant visits only within the Luzon area in 1988. However a slot for one expert is being provided in the regional trainings.

For the 1989 budget, allocation for travel of experts for survey purposes will be increased to cover 3 regions. These are incorporated in the Training Needs Analysis survey. In the conduct of regional training events, a slot will be given for an expert to join.

6. On Training of Government Officials and Staff

Mr. Tirona explained that for every seminar conducted by the Center, all DTI agencies are invited to send their staff to participate.

The Center is also scheduling specific courses for the Foreign Trade Service Corps and the Bureau of Export Trade Promotions in 1988.

For the Testing and Inspection courses for Textile and Furniture, majority of the participants will be from the government, particularly from the Bureau of Product Standards.

In this connection, the Japanese Side requested that plans for training of government officials and staff be included in the 1988 seminar schedule of the Center.

7. On the Testing and Inspection Courses

Mr. Tirona informed the Japanese team that the course modules for furniture and garments have been completed. The course module for food are about to be completed by the Food Development Center.

8. The Japanese Side inquired on whether PTTC charges fees. Mr. Tirona replied that the Center collects fees from participants which are deposited to a Trust Fund from which payments for rental of venue and cost of food for seminar participants are drawn. Other expenses like payment of honoraria of part-time faculty and printing of seminar materials are drawn from the PTTC funds.

9. Mr. Tirona added that PTTC has allotted ₱700,000.00 for the PTTC Library.

10. On the Language Course

Mr. Tirona informed that there is difficulty in selecting the Philippine Counterpart to handle the course. The Japanese Side said that the Japanese experts can help in sourcing possible faculty for the course.

11. On Exhibition Courses

Ms. Angeles explained that the Center intends to sub-contract exhibition courses to CITEM. The Center is also developing courses intended for the regional seminars, particularly as these relate to the Department's Market Encounter and regional fairs.

12. On Marketing of PTTC Courses

Mr. Tirona explained that the Center is informing the public of its courses thru letters of invitation to target participants, thru advertisements placed in major newspapers and thru linkages with the respective trade and industry associations. Each seminar is limited to

a maximum of 50 although the ideal number is 35 for greater manageability.

In this regard, the Japanese Side requested for copies of the advertisements and Certificates of Attendance being issued by the Center.

The Japanese Side likewise requested for a table of PTTC courses indicating schedules/seminars, duration, number of training hours/seminar, number of participants/seminar, number of times conducted/year, and the equivalent course in the Records of Discussion if any.

13. On the Utilization of Seminar Rooms

Mr. Tirona said that taking into account the number of courses to be offered by the Center in 1988, it is possible that all rooms will be fully utilized.

For rooms that will be vacant, these could be utilized for short courses or for servicing the requests of private sector associations such as Federation of Chinese Chambers of Commerce on a co-sponsorship basis.

14. The Japanese Side asked how the maintenance of the equipment will be handled. Mr. Tirona said that the Center will go into a contract with a private firm for this purpose.

15. The Japanese Side likewise inquired on who will be responsible for the operation of the audio-visual equipment.

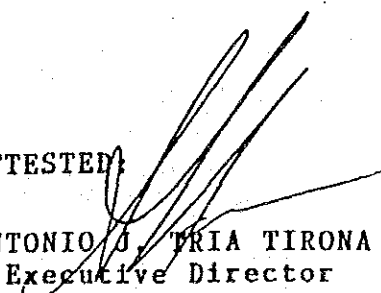
Ms. Angeles replied that this will be handled by a technician experienced in programming, and he will be assisted by 2 other technicians from the DTI Press Office and the Trade and Industry Information Center. The PTTC technician will go on training in Japan this march to learn the maintenance systems and procedures for this.

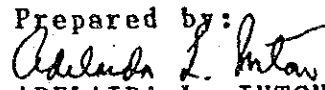
Ms. Angeles added that in the PTTC plantilla, there are 5 positions in the Publications and Information Division assigned specifically to handle the AV equipment.

X. Adjournment

There being no other matters to be discussed, the meeting was adjourned at 4:45 P.M.

ATTESTED:

  
ANTONIO J. TRIA TIRONA  
Executive Director  
PTTC

Prepared by:  
  
ADELAIDA L. INTON

**PRESENT:**

**A. Philippine Side**

1. Mr. Antonio J. Tria Tirona  
Executive Director
2. Mrs. Ma. Angelina V. Angeles  
Deputy Executive Director
3. Mrs. Maria Teresa Corpus  
Chief, Administrative & Financial Division
4. Mr. Benjie Patajo  
Chief, Publications & Information Division
5. Ms. Isabel E. Melgar  
Chief, Plans & Programs Division
6. Ms. Maria Teresa Coligado  
Faculty Coordinator
7. Ms. Adelaida L. Inton  
Chief, Business Management Division
8. Ms. Alice Galvan  
Chief, Testing & Inspection Division
9. Mr. Dennis Cruz  
Acting Chief, Exhibitions Division
10. Mr. David Inocencio  
Sr. Faculty

B. Japanese Side:

1. Mr. Shozo Kakuno - Leader  
Director, Mining & Industrial  
Development Cooperation Department  
JICA
2. Mr. Kenji Nishibe - Technical Cooperation  
Official, Technical Cooperation  
Planning  
Division  
( Trade Training, Exhibition)  
International Trade Policy Bureau  
Ministry of International Trade  
and Industry
3. Mr. Yasuichi Motegi - Technical Cooperation Planning  
Staff Specialist for Inspection  
( Inspection on Industrial  
Technology  
Products )  
Textile Coordination Division  
International Trade & Industry,  
Inspection Institute
4. Mr. Yuzuro Miyamoto - Technical Cooperation Planning  
Overseas Guidance Special Officer  
( Inspection on Industrial  
Agricultural & Forestry Products  
Products )  
Inspection Institute  
Ministry of Agriculture, Forestry  
and Fisheries
5. Mr. Mitsuhiro Sugano - Coordinator  
Staff, Technical Cooperation Div.  
Mining & Industrial Development  
Cooperation Department  
JICA
6. Mr. Tamaichi Matsumoto  
Leader (Chief Adviser)  
JICA Experts Team
7. Mr. Katsuhiko Ebina  
Coordinator
8. Mr. Tamio Ijiri  
Trade Training
9. Mr. Shigeyoshi Takagi  
Trade Training
10. Mr. Sakazo Takeuchi  
Inspection (Furniture)
11. Mr. Youichi Akino  
Inspection (Food)
12. Mr. Shigezi Suzuki  
Inspection (Food)
13. Mr. Naokiyo Mizuno  
Inspection (Garments)





JICA